

Fig. 1

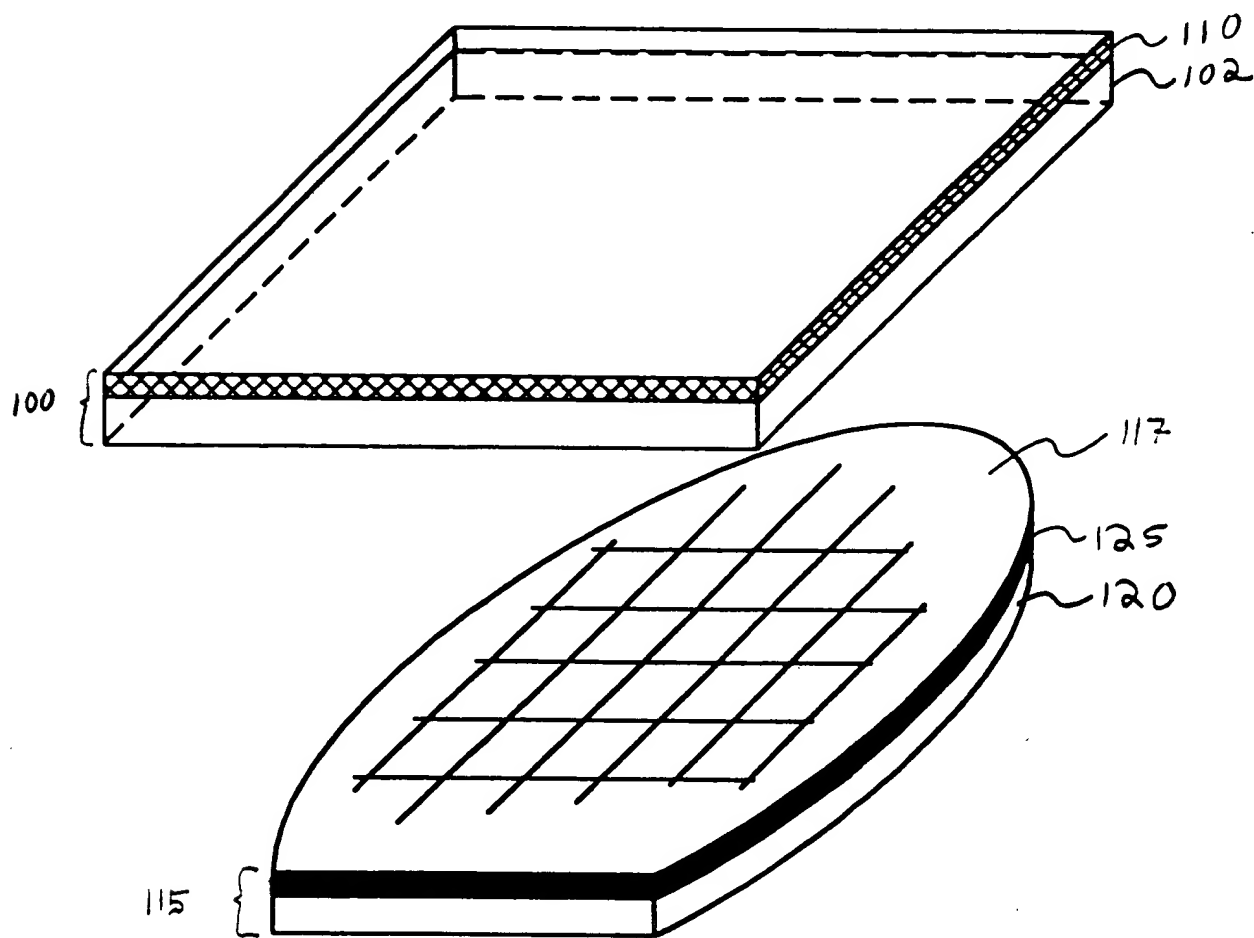


Fig 2

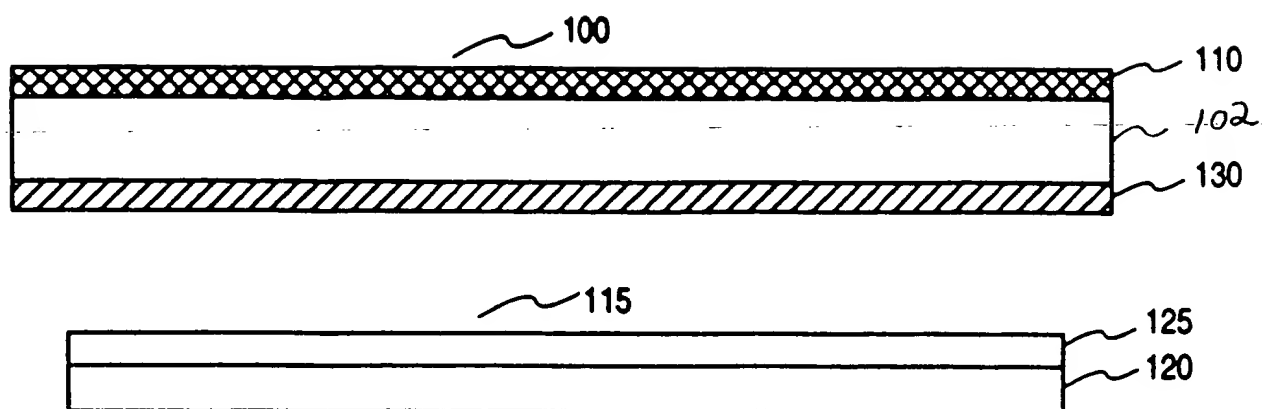


Fig. 3

FIG. 3

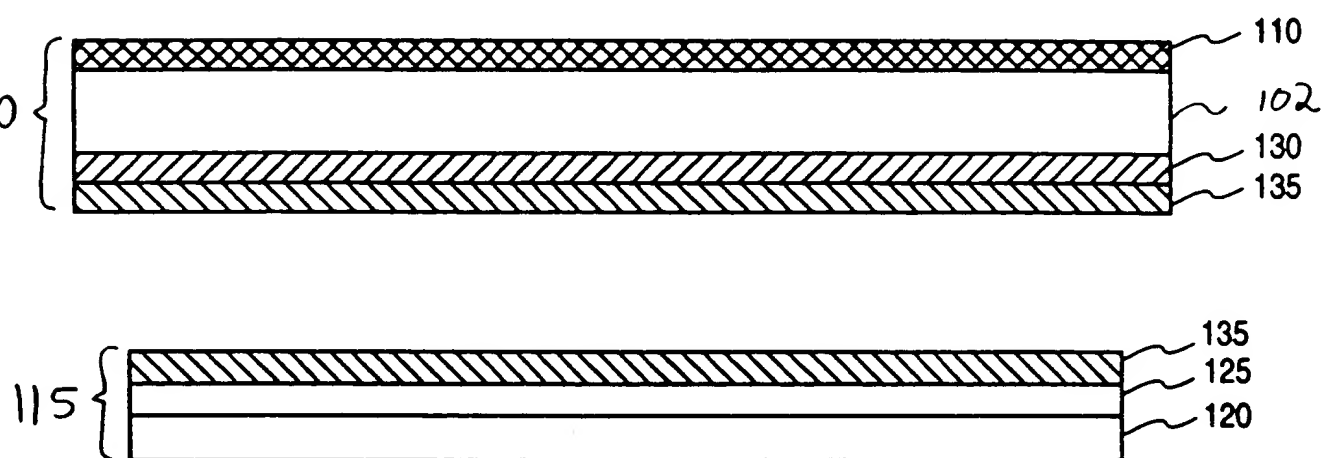


Fig. 4

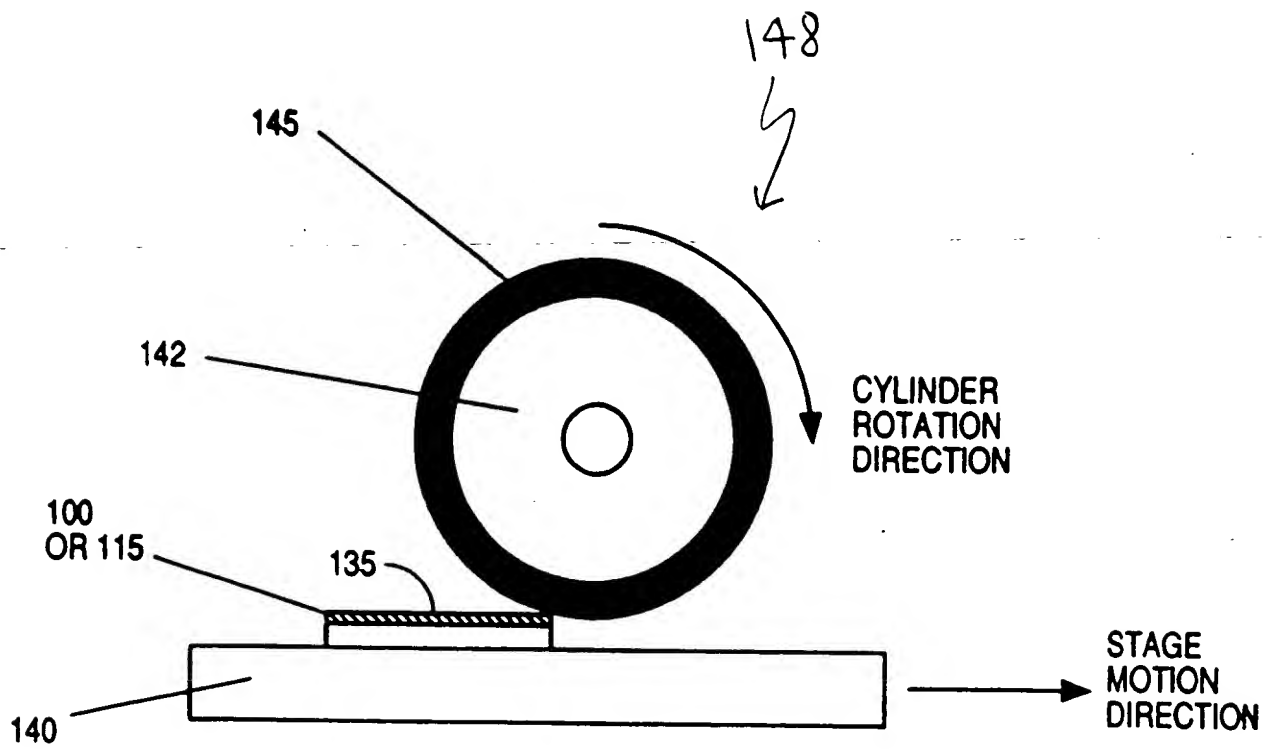


Fig. 5

RUB DIRECTION:

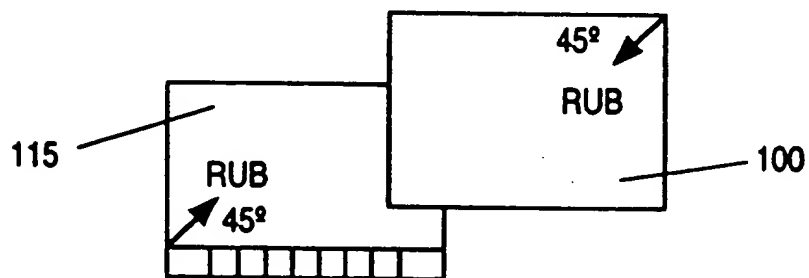
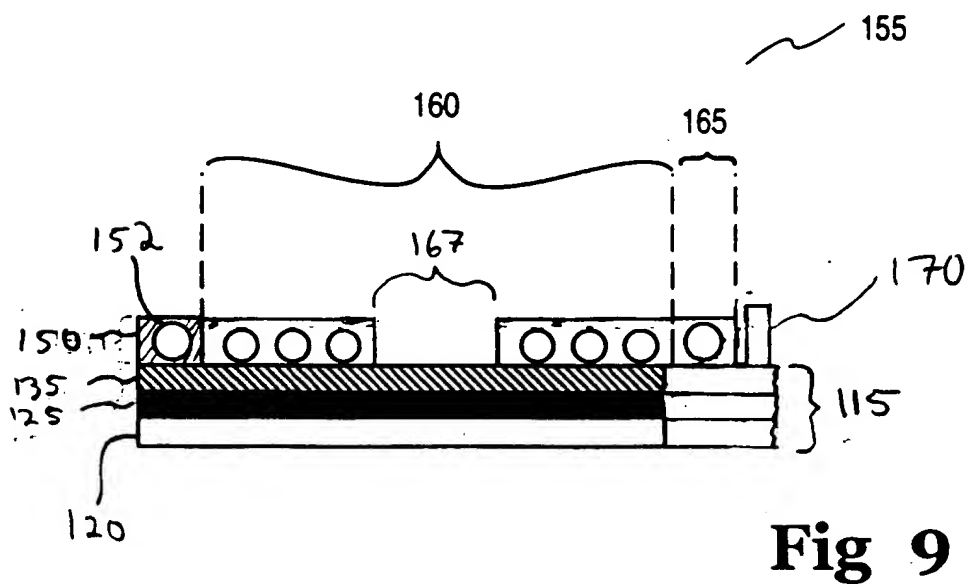
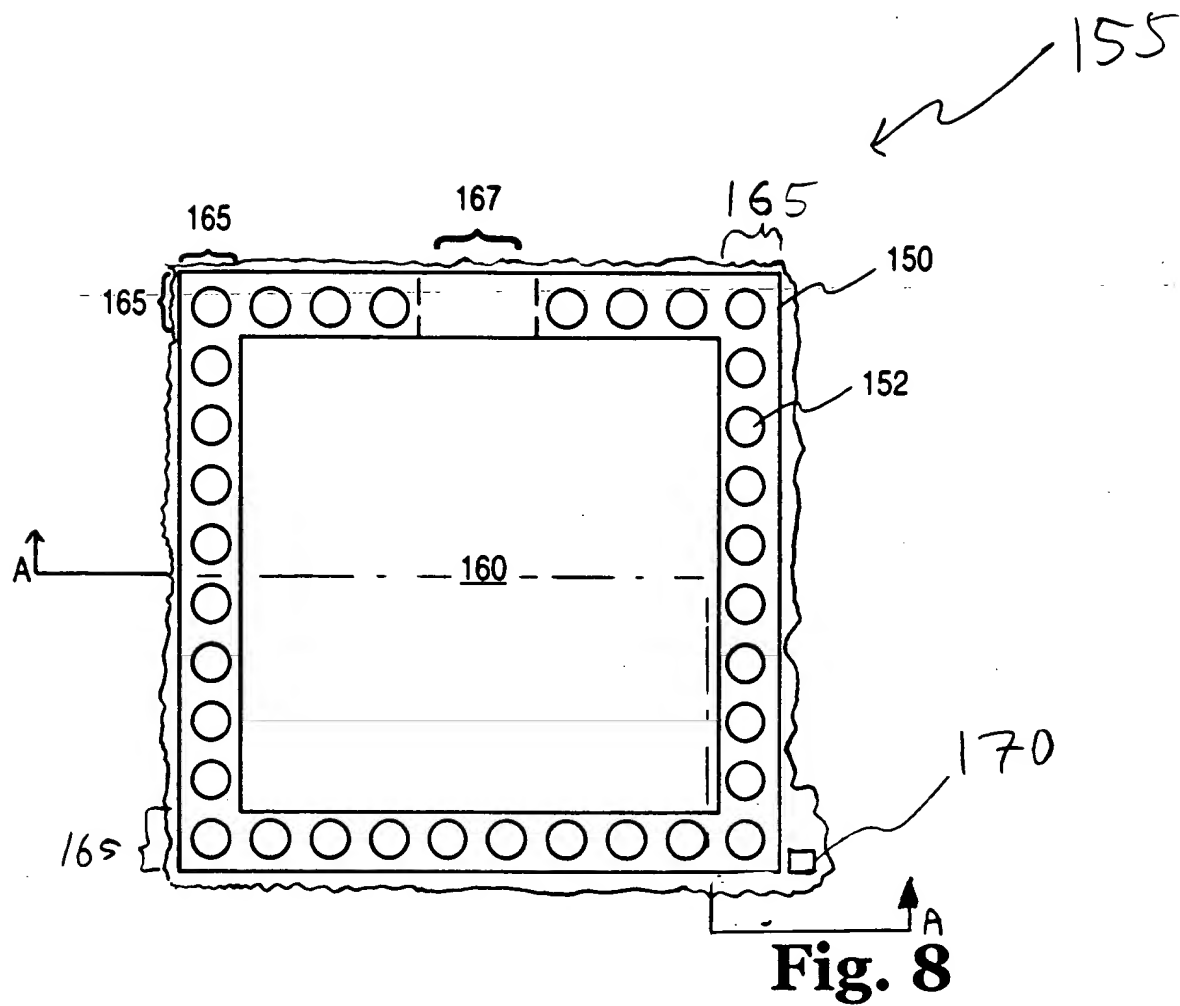


Fig. 6

FIG. 8



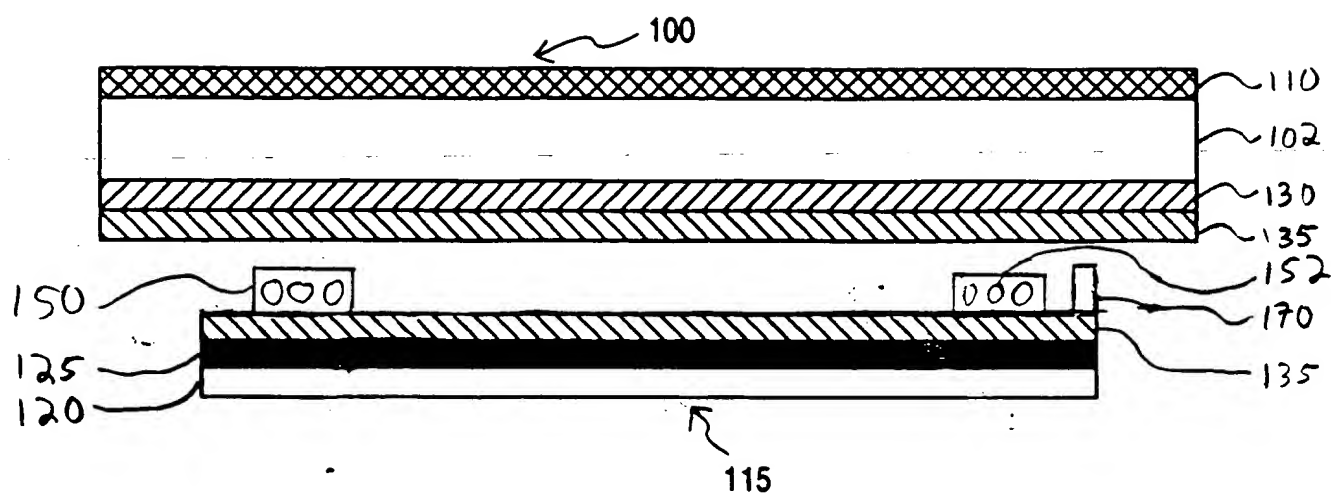


Fig. 10

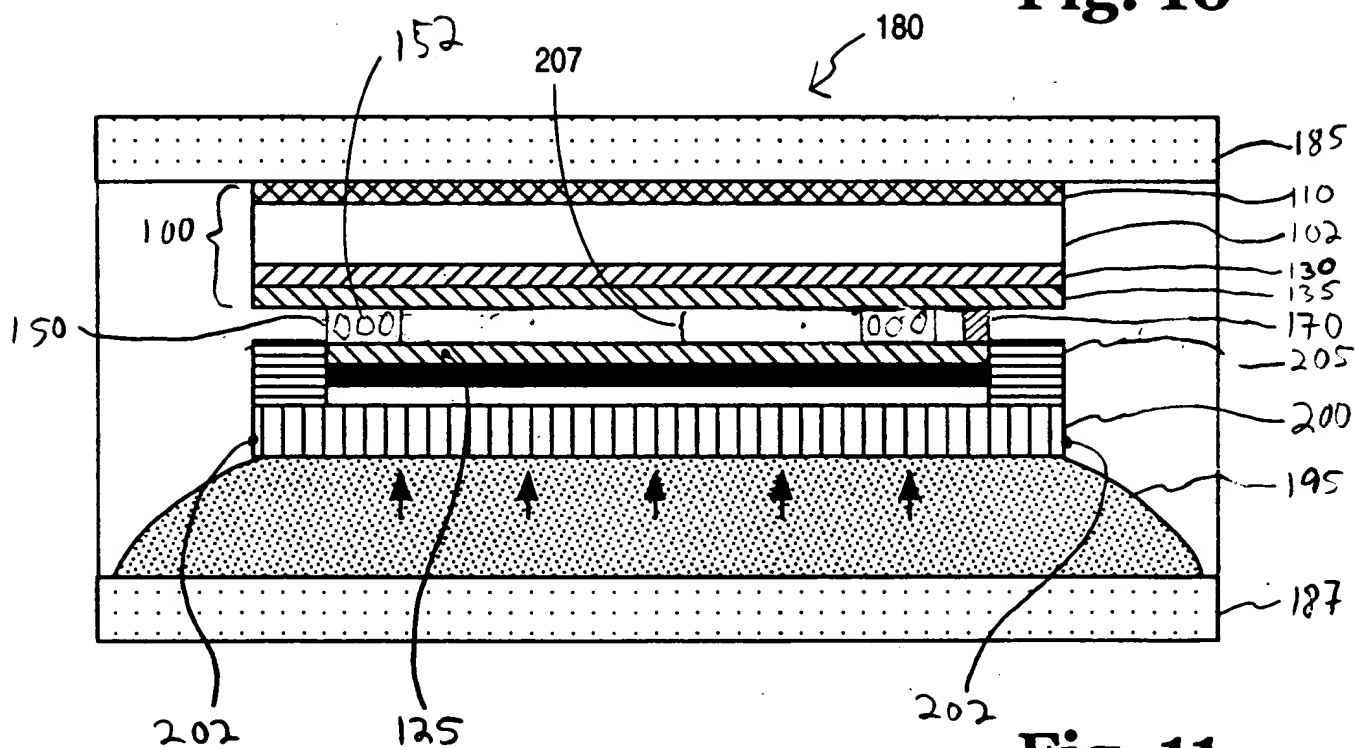


Fig. 11

FIG. 10

FIG. 12

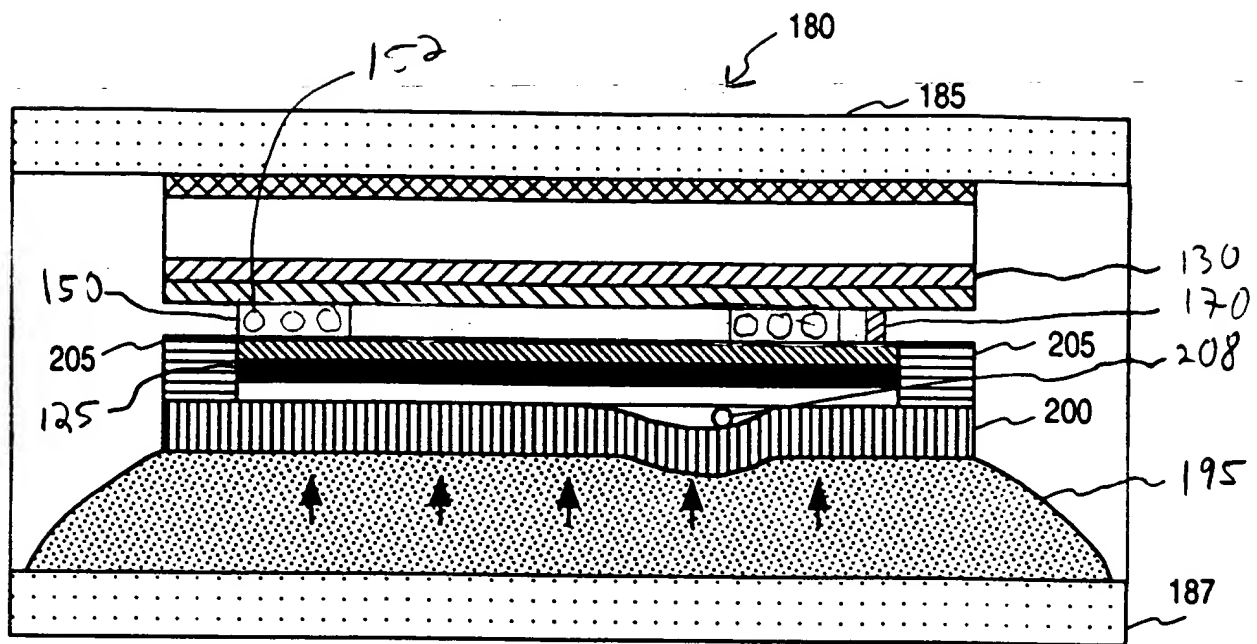


Fig. 12

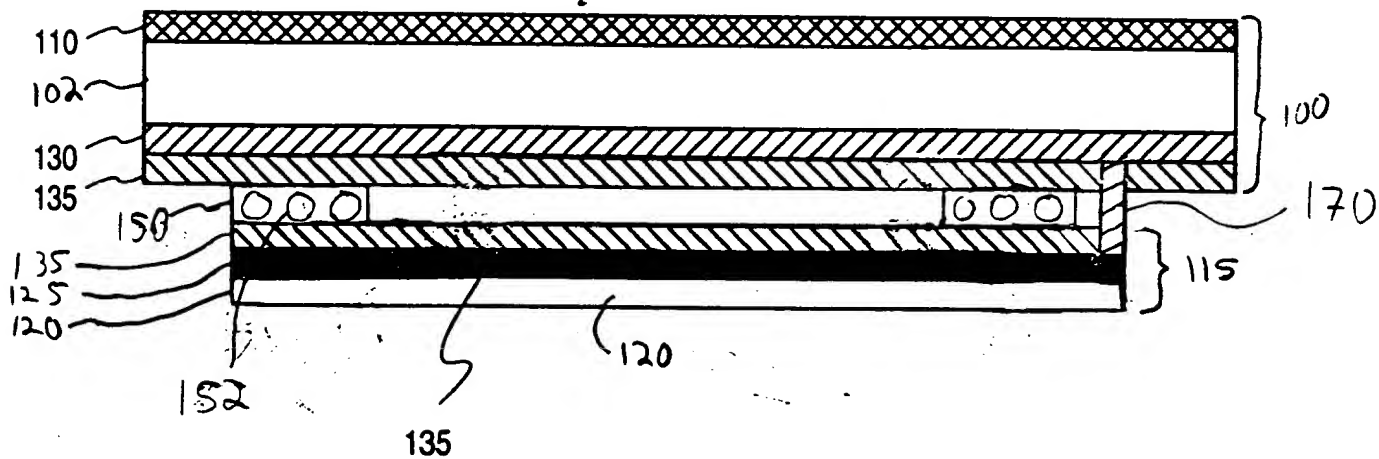
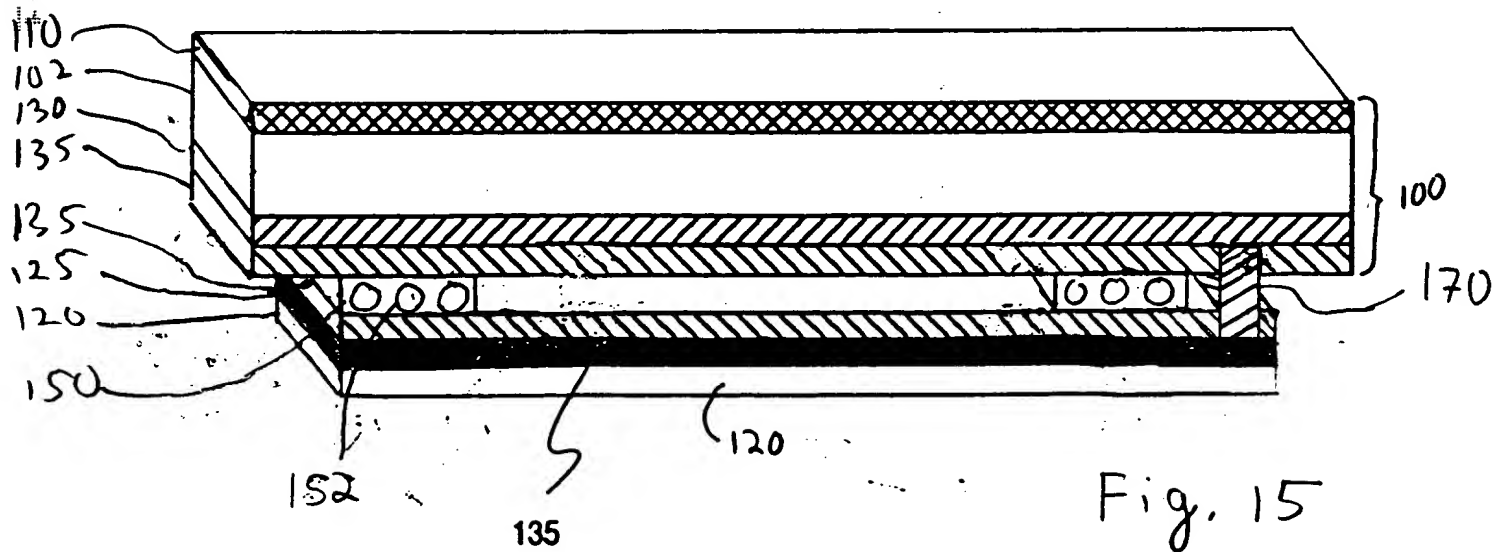
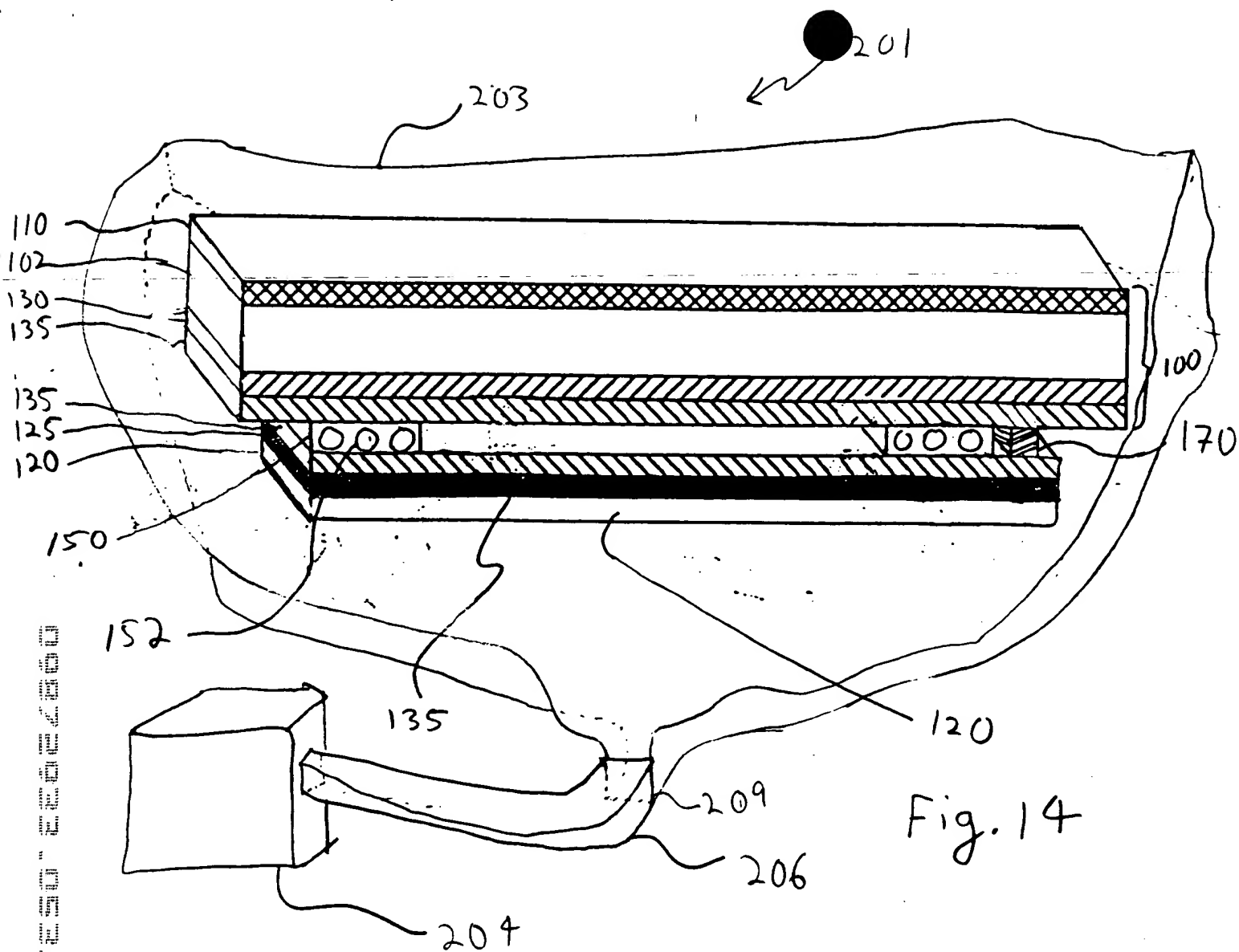


Fig. 13



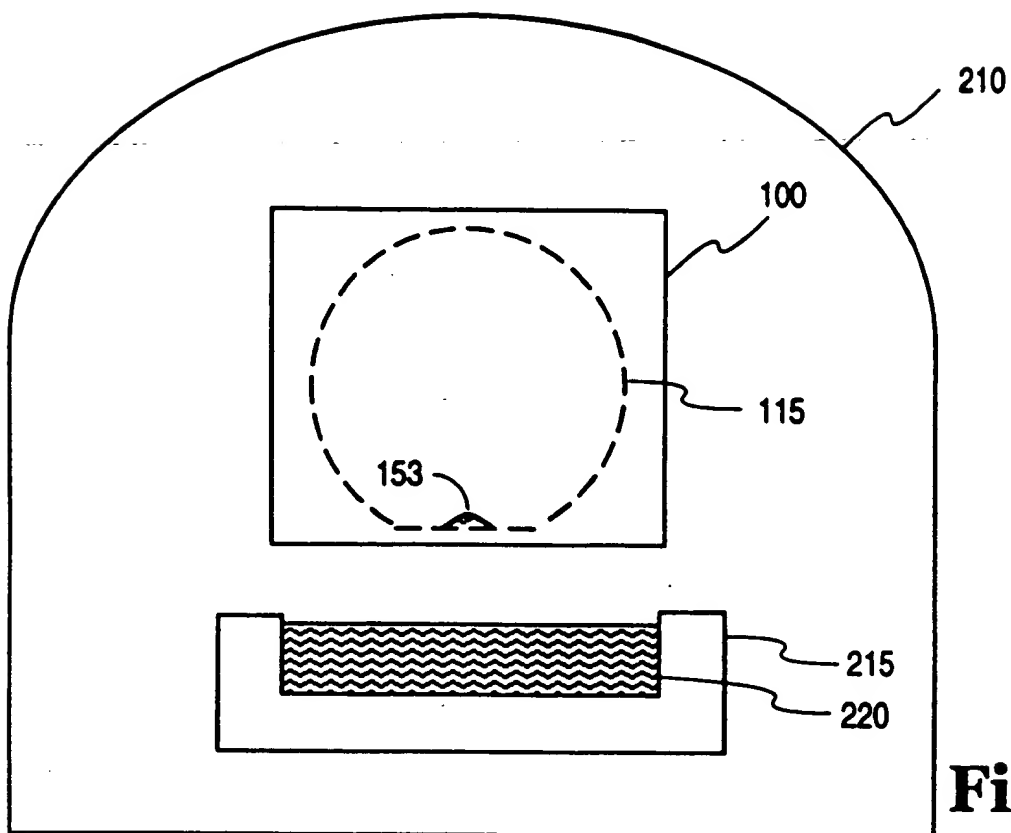


Fig. 16

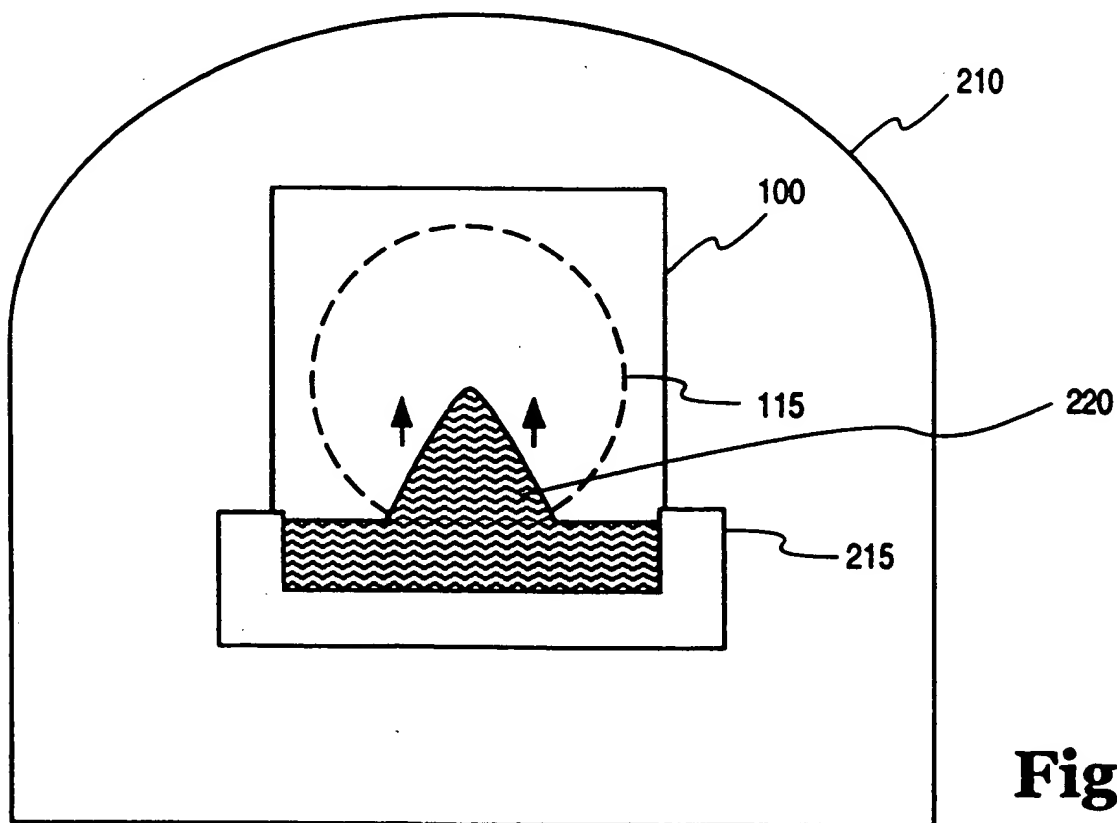


Fig. 17

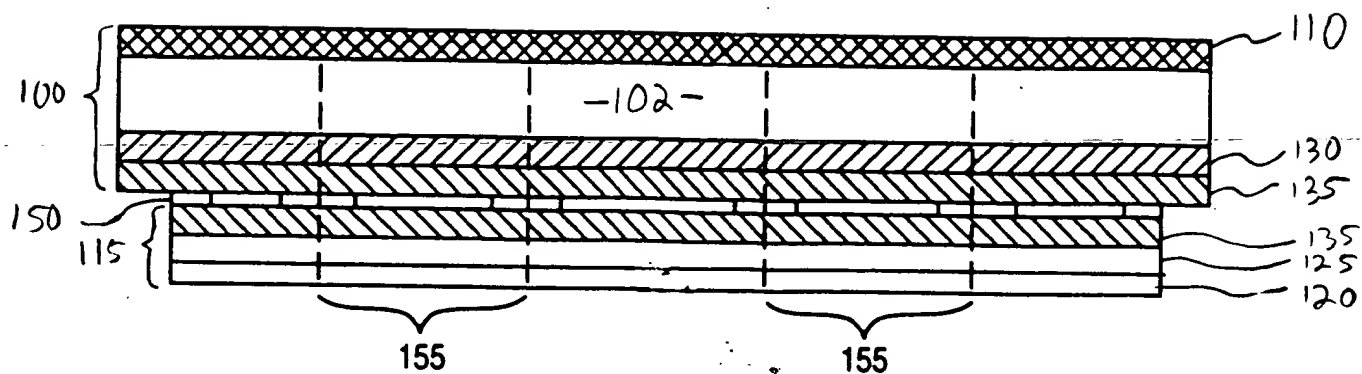


Fig. 18

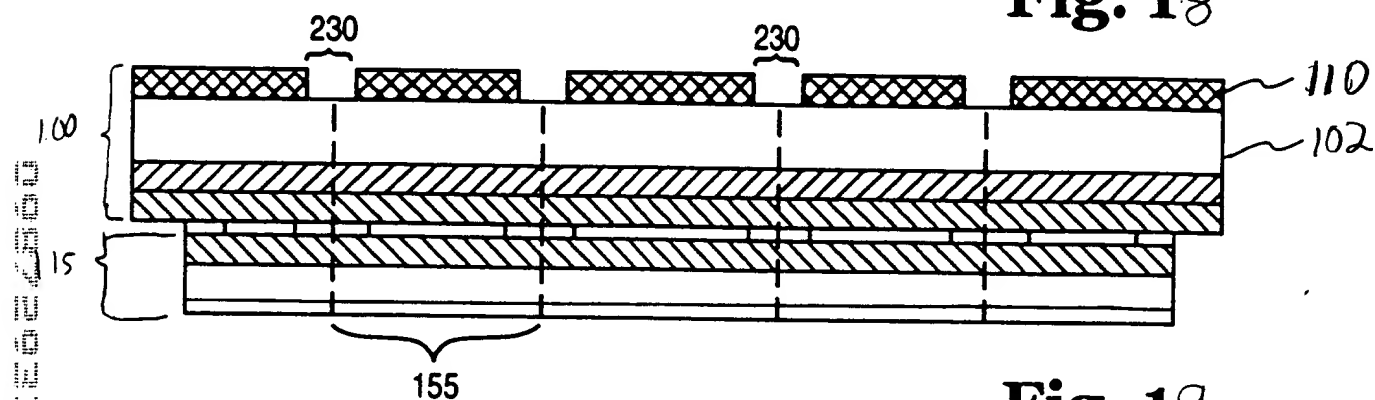


Fig. 19

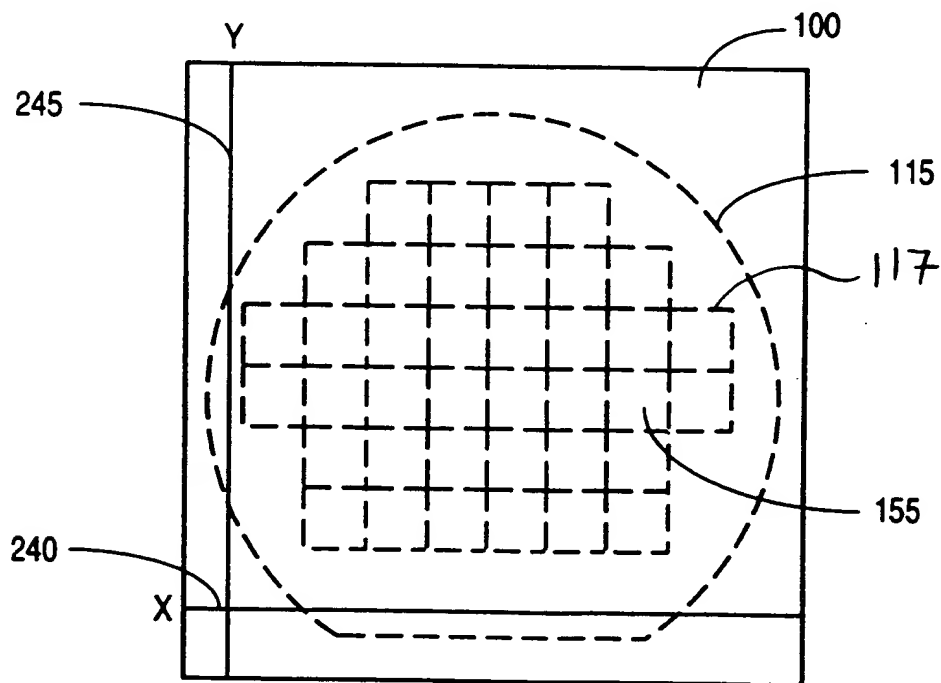


Fig. 20

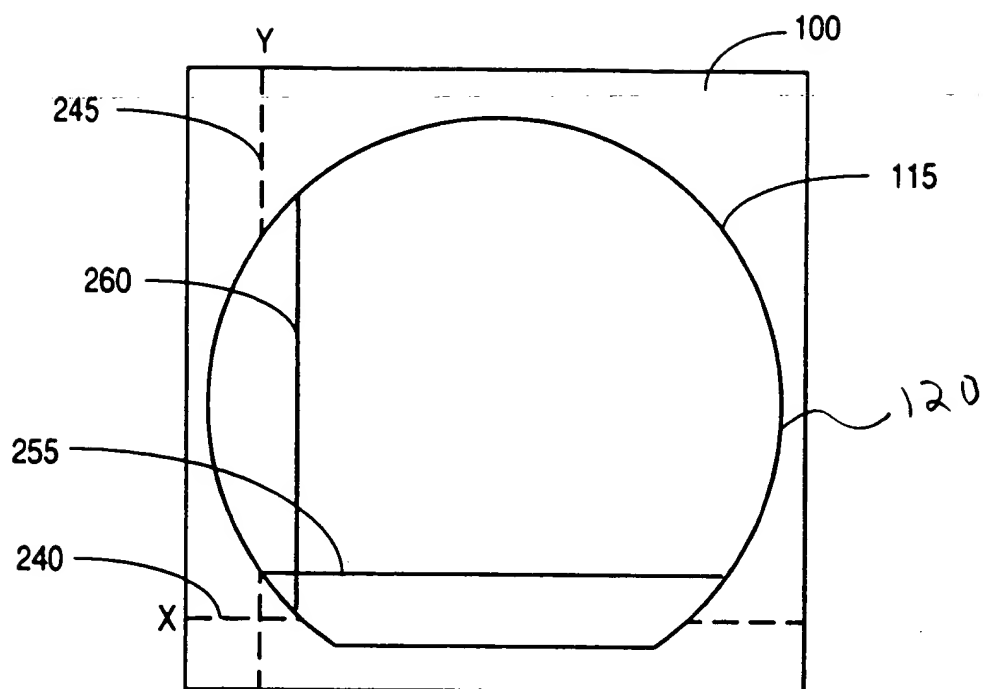


Fig. 21

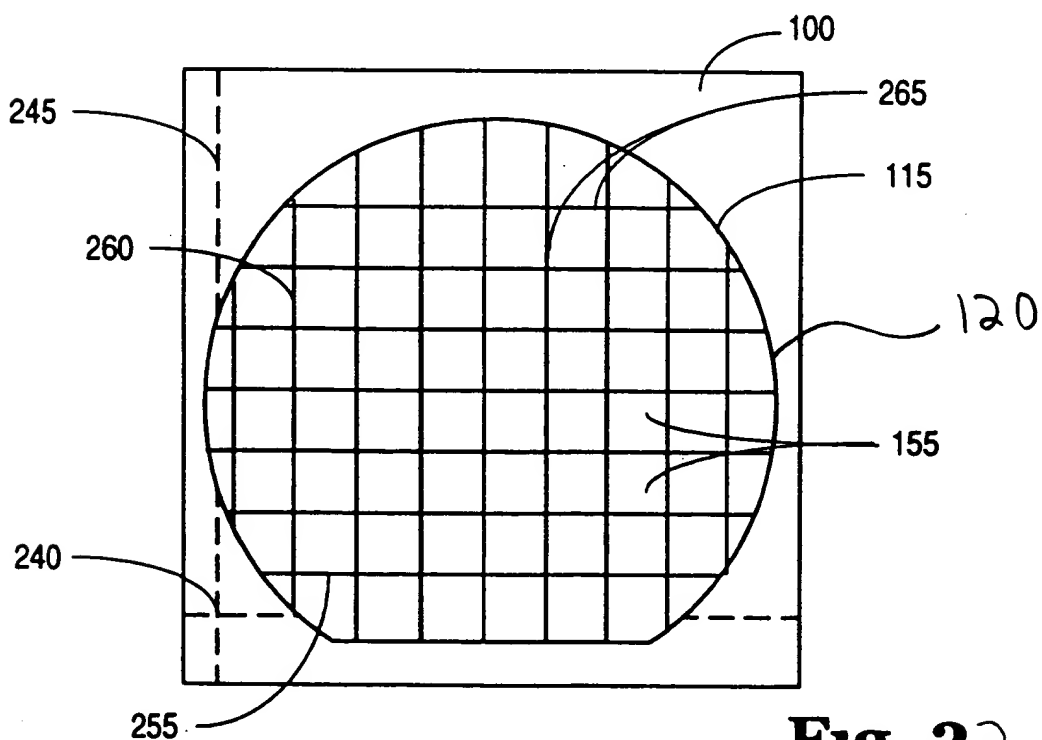


Fig. 22

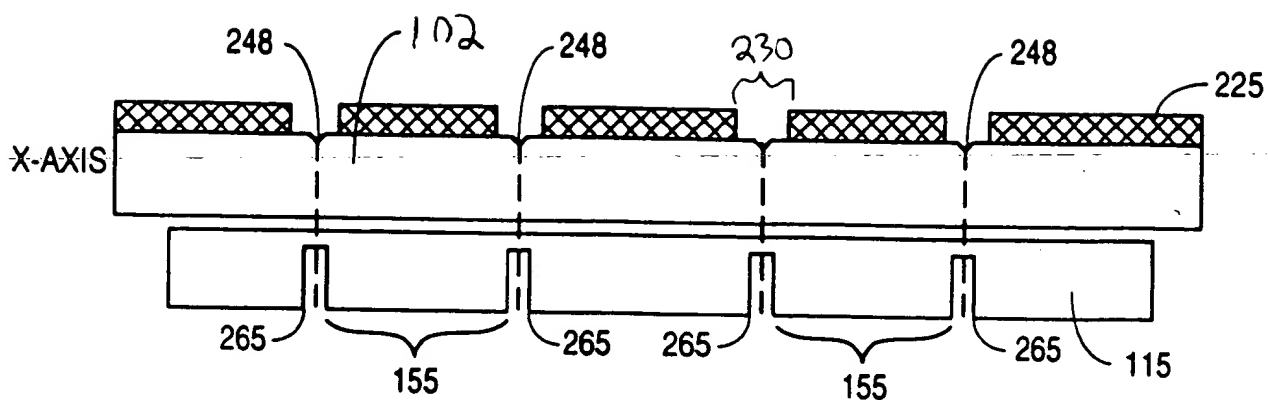


Fig. 23

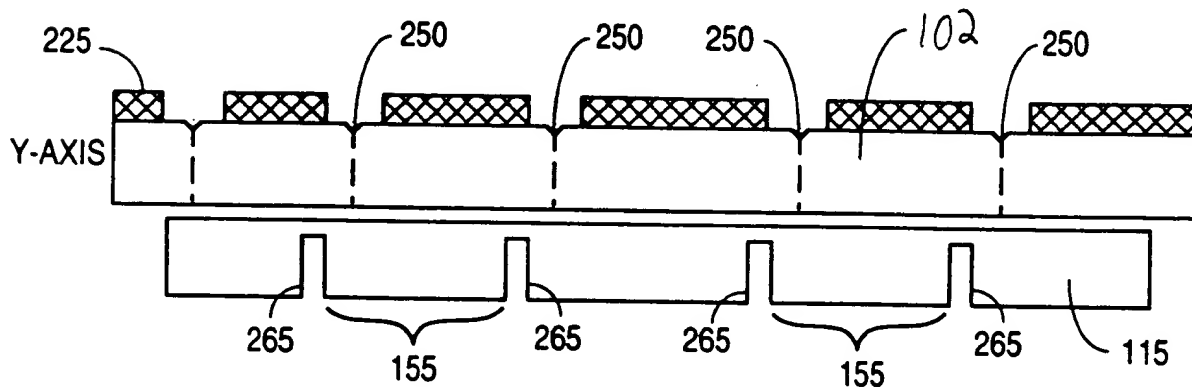


Fig. 24

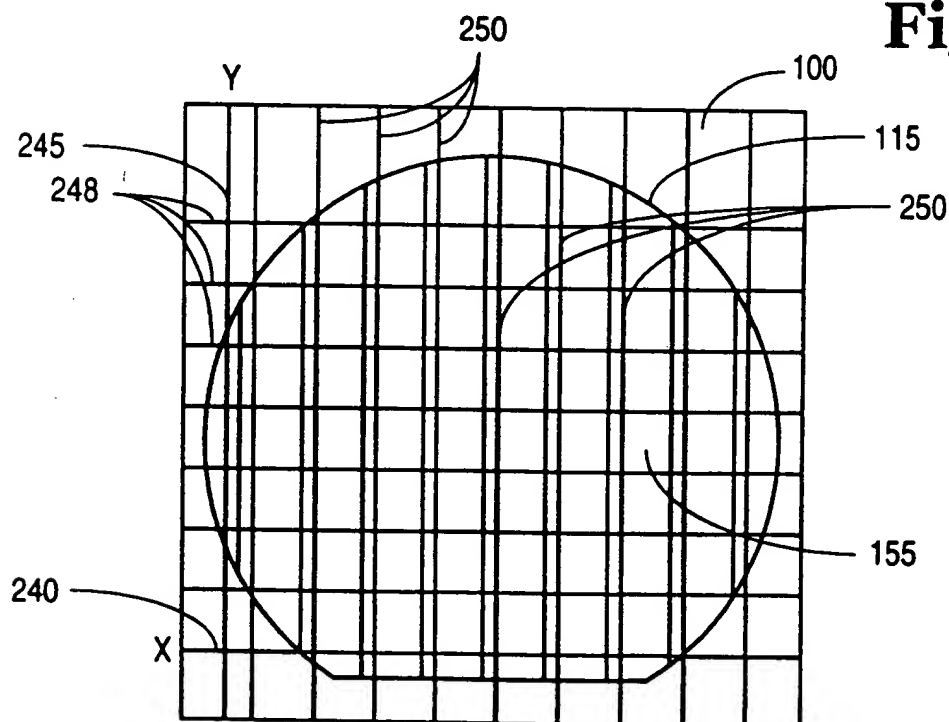


Fig. 25

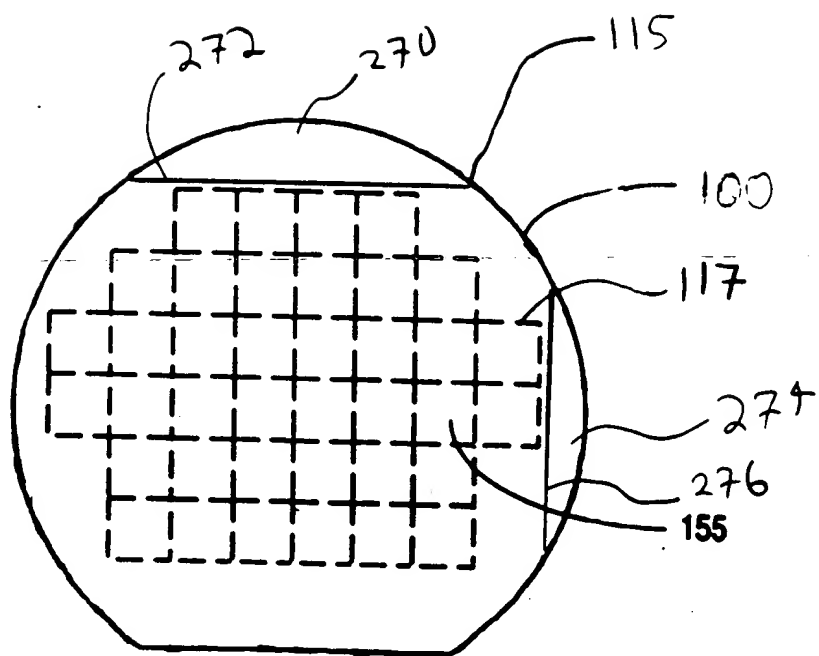


Fig. 26

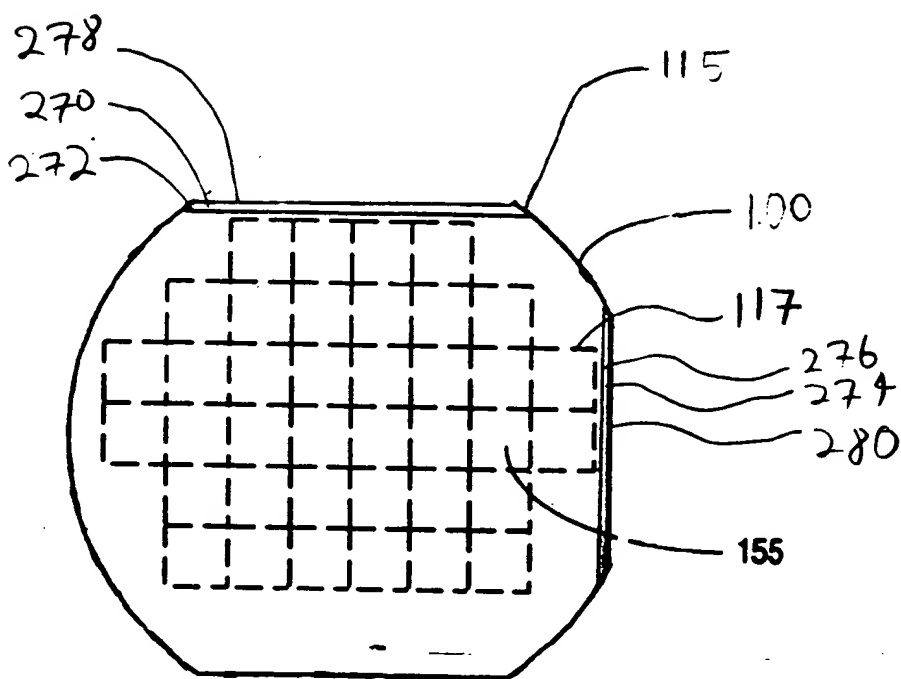


Fig 27

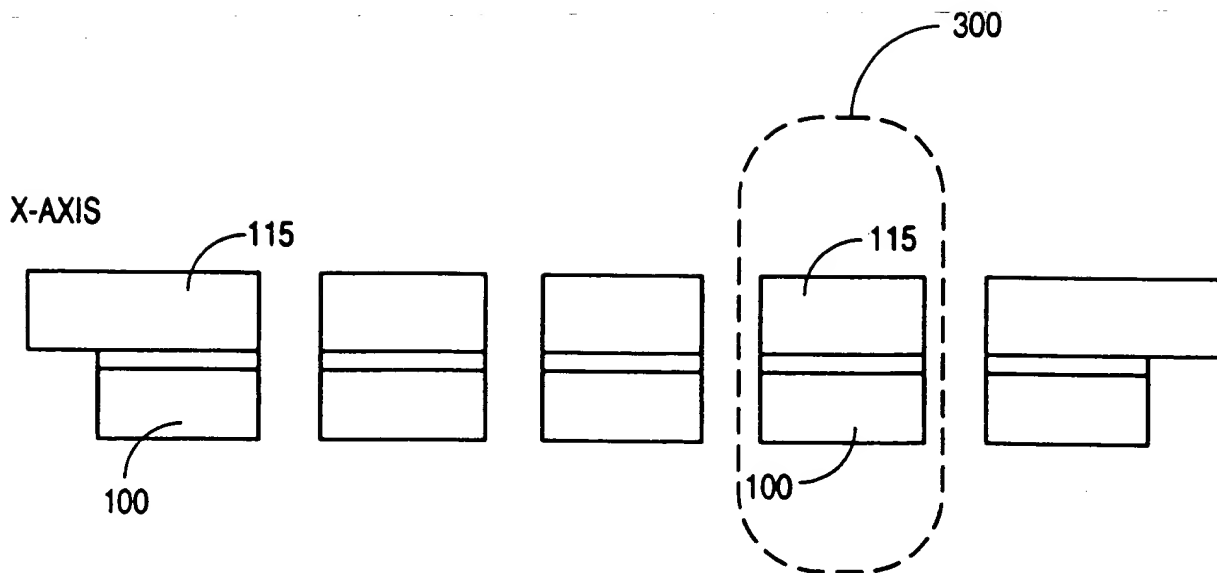


Fig. 28

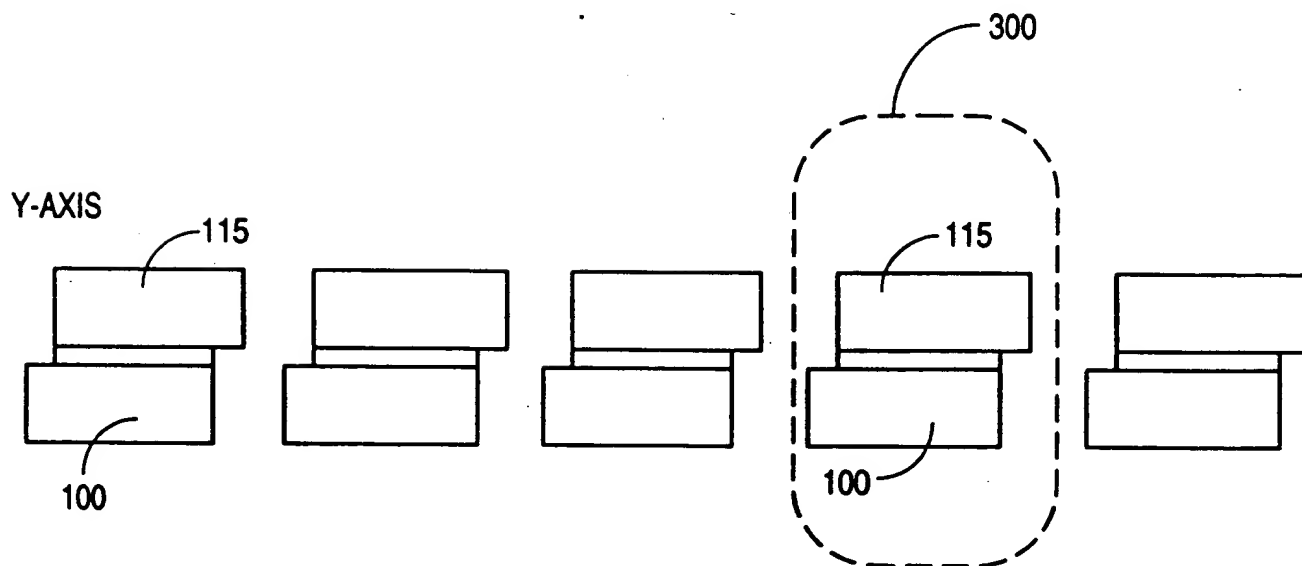


Fig 29

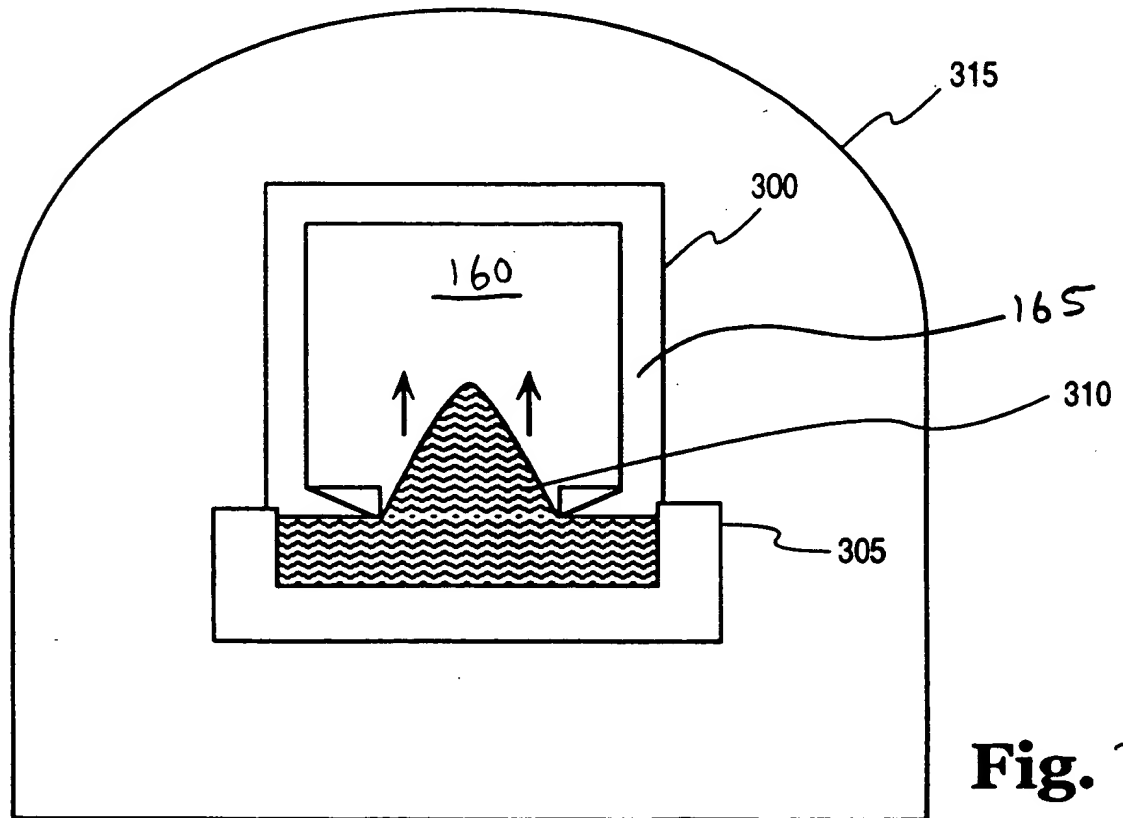
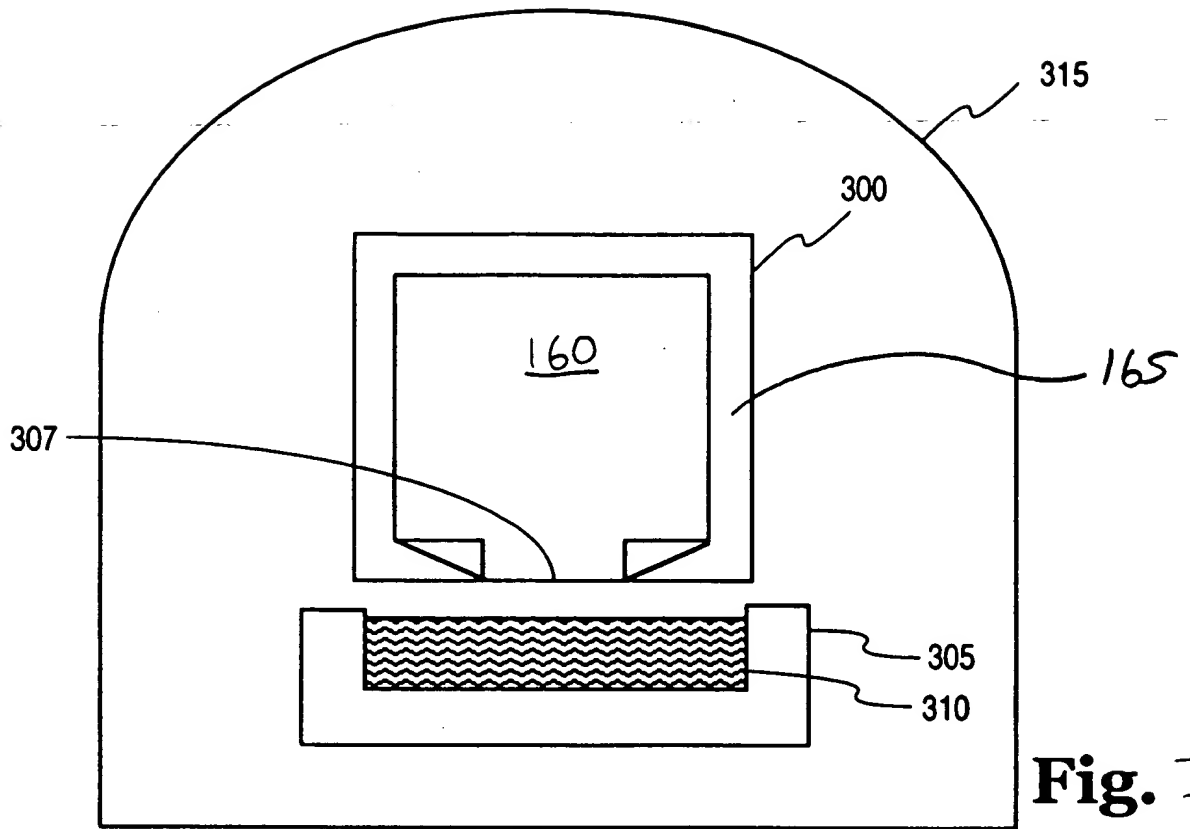


FIG. 30

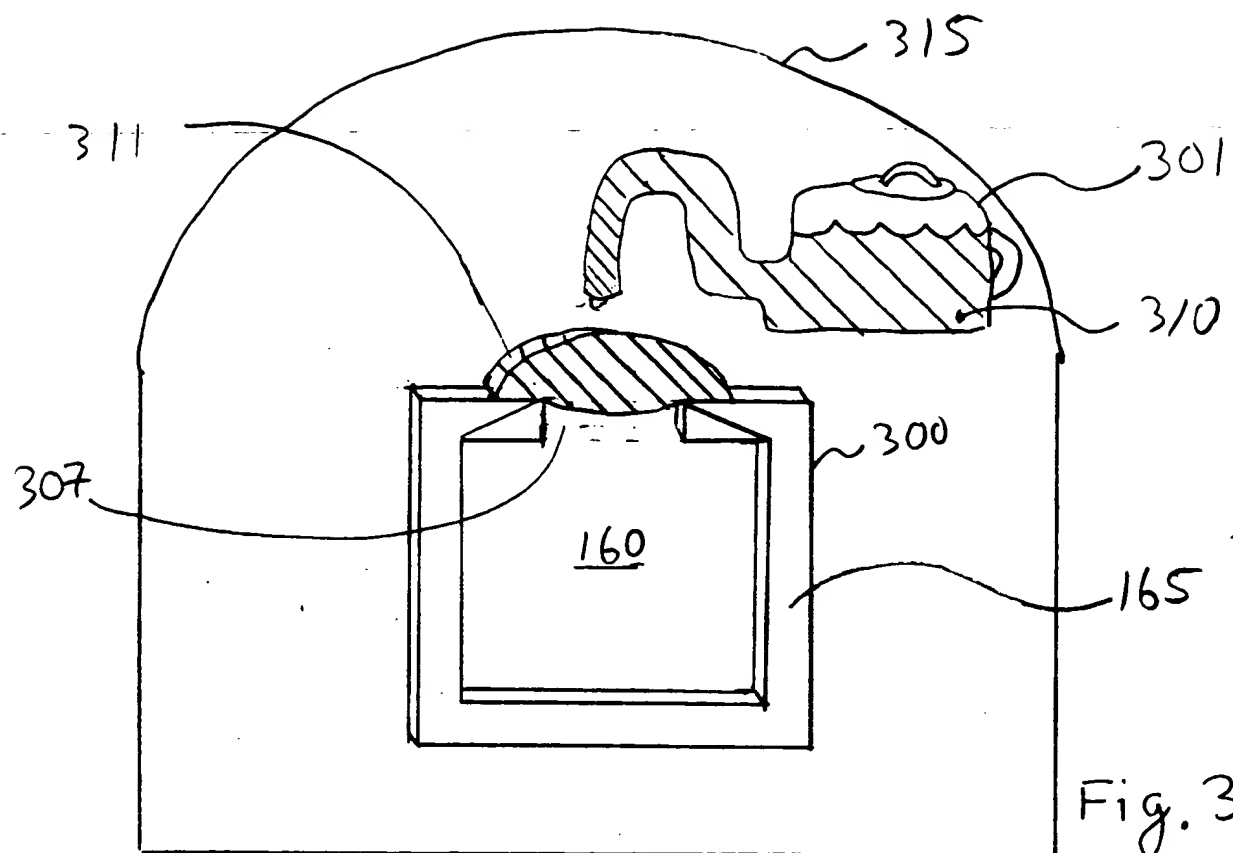


Fig. 32

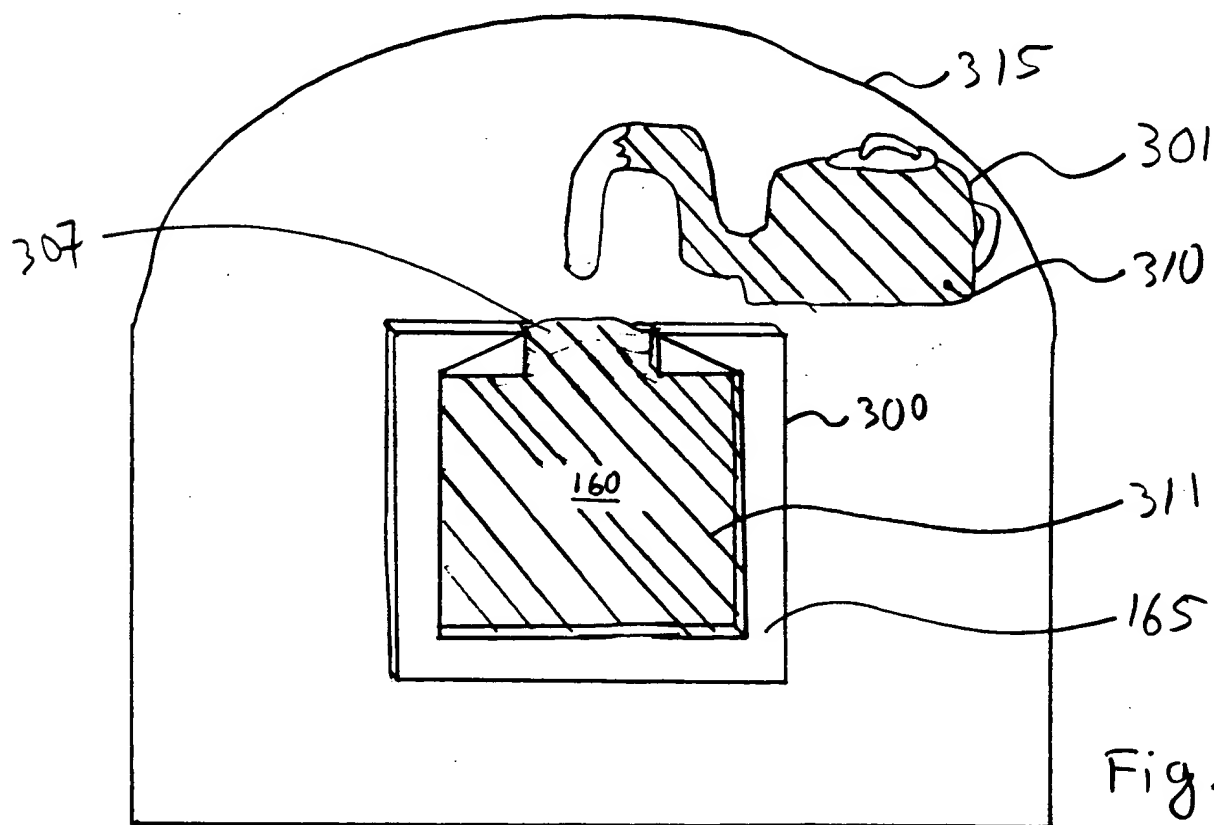


Fig. 33

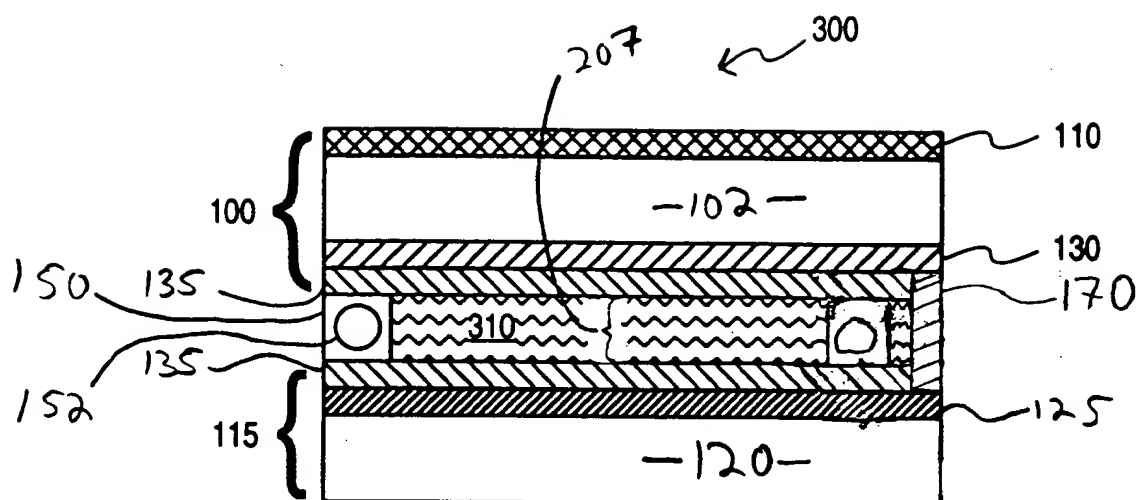


Fig. 34

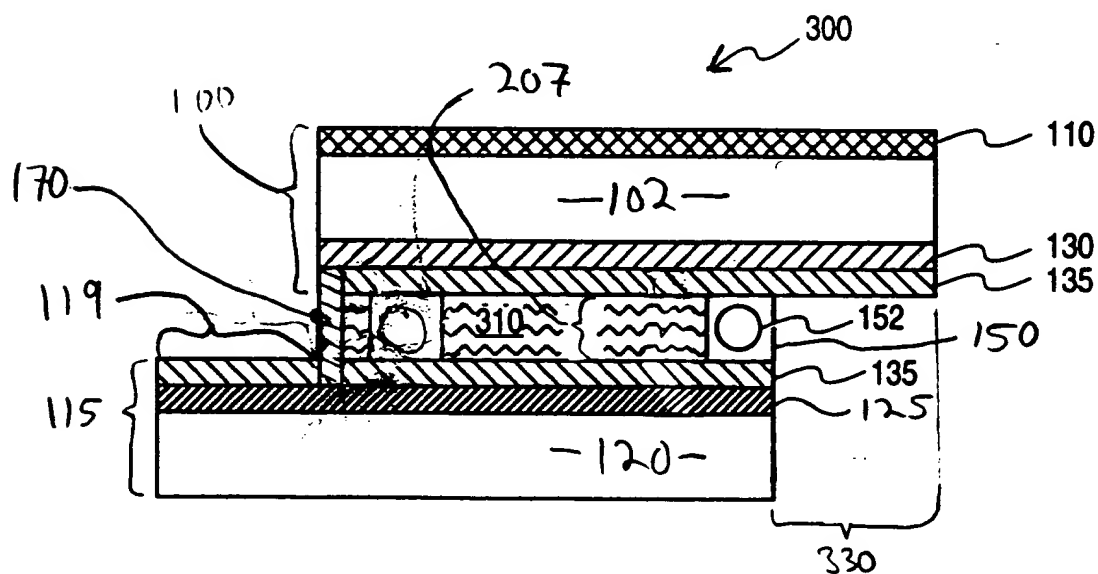


Fig. 35

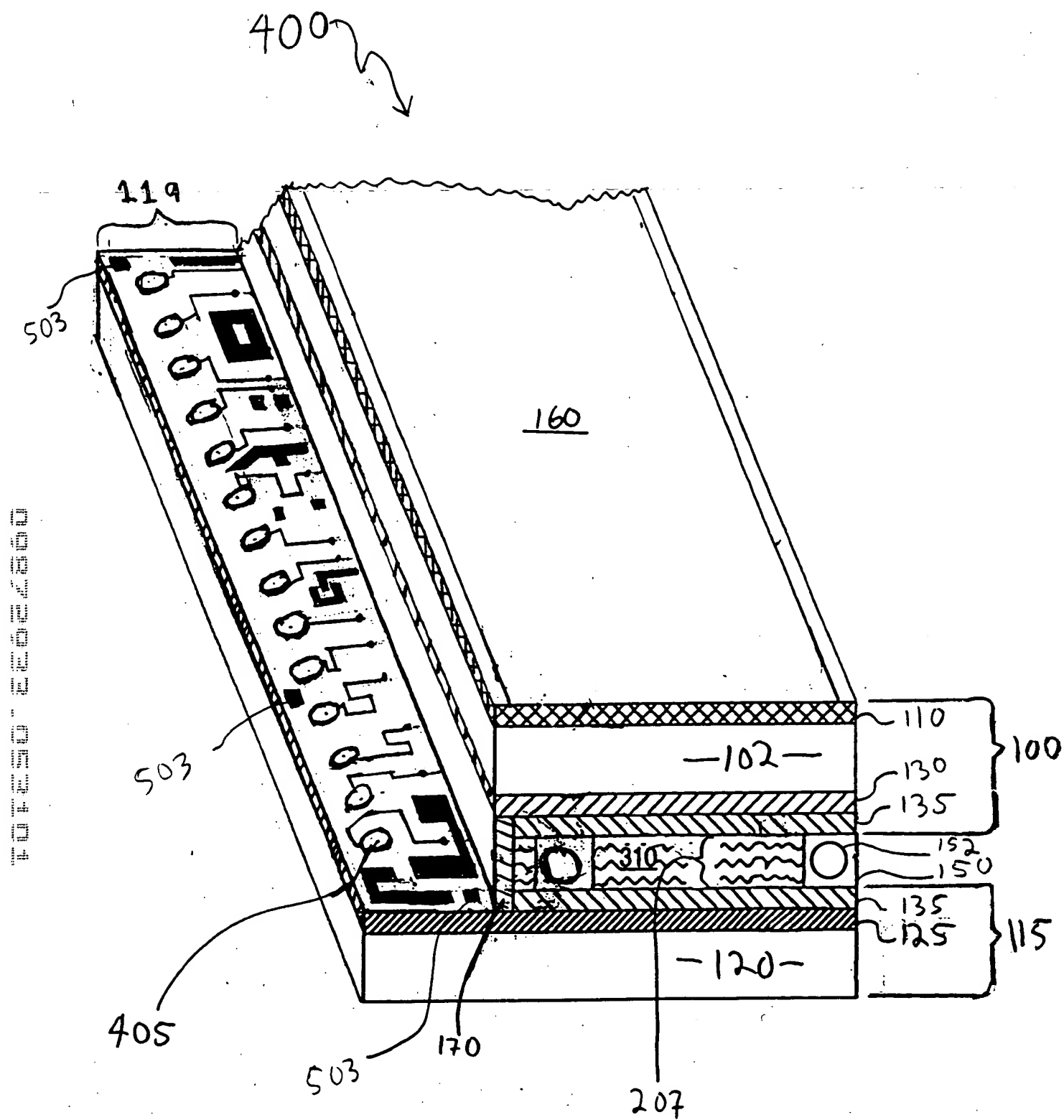
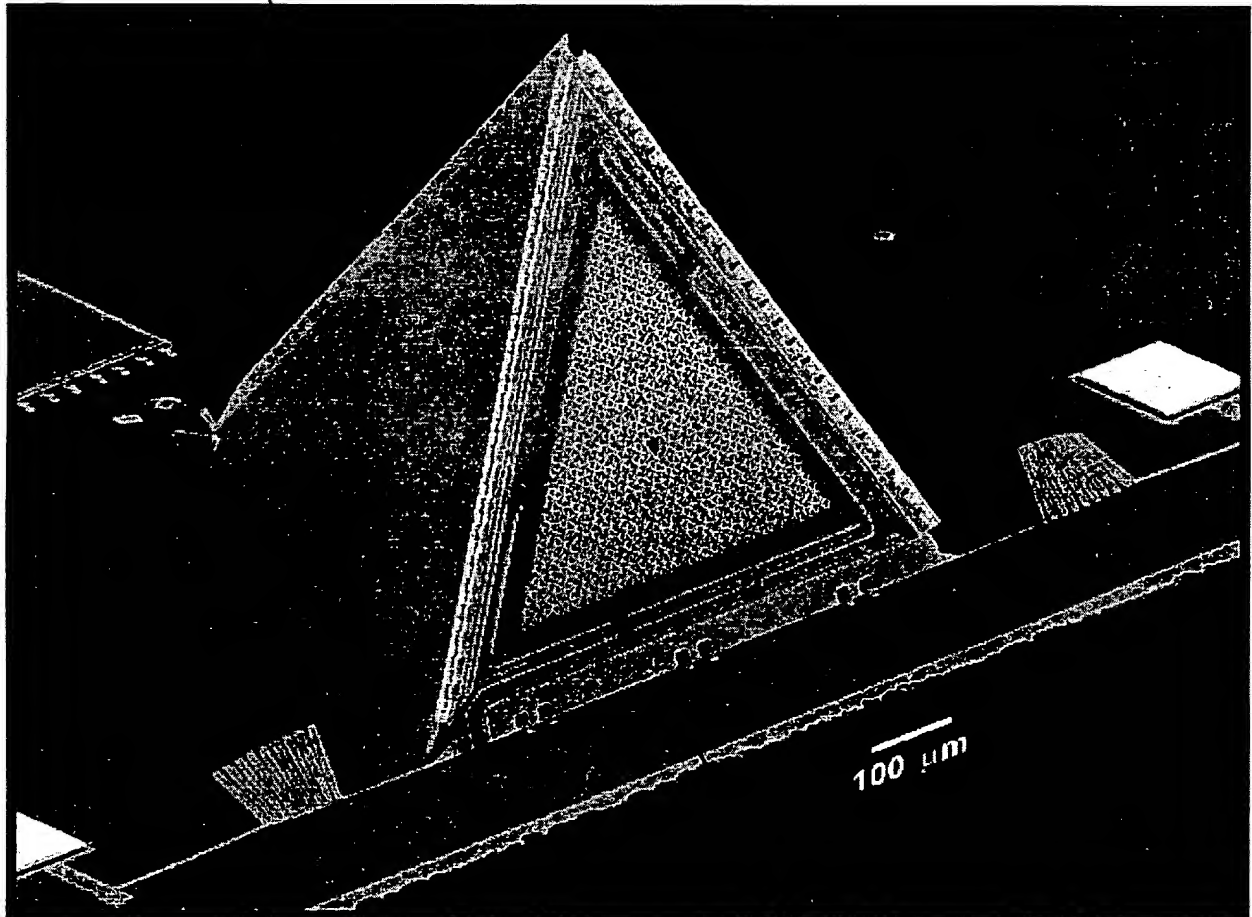


FIG. 36

500



100 μm

Fig. 37

510

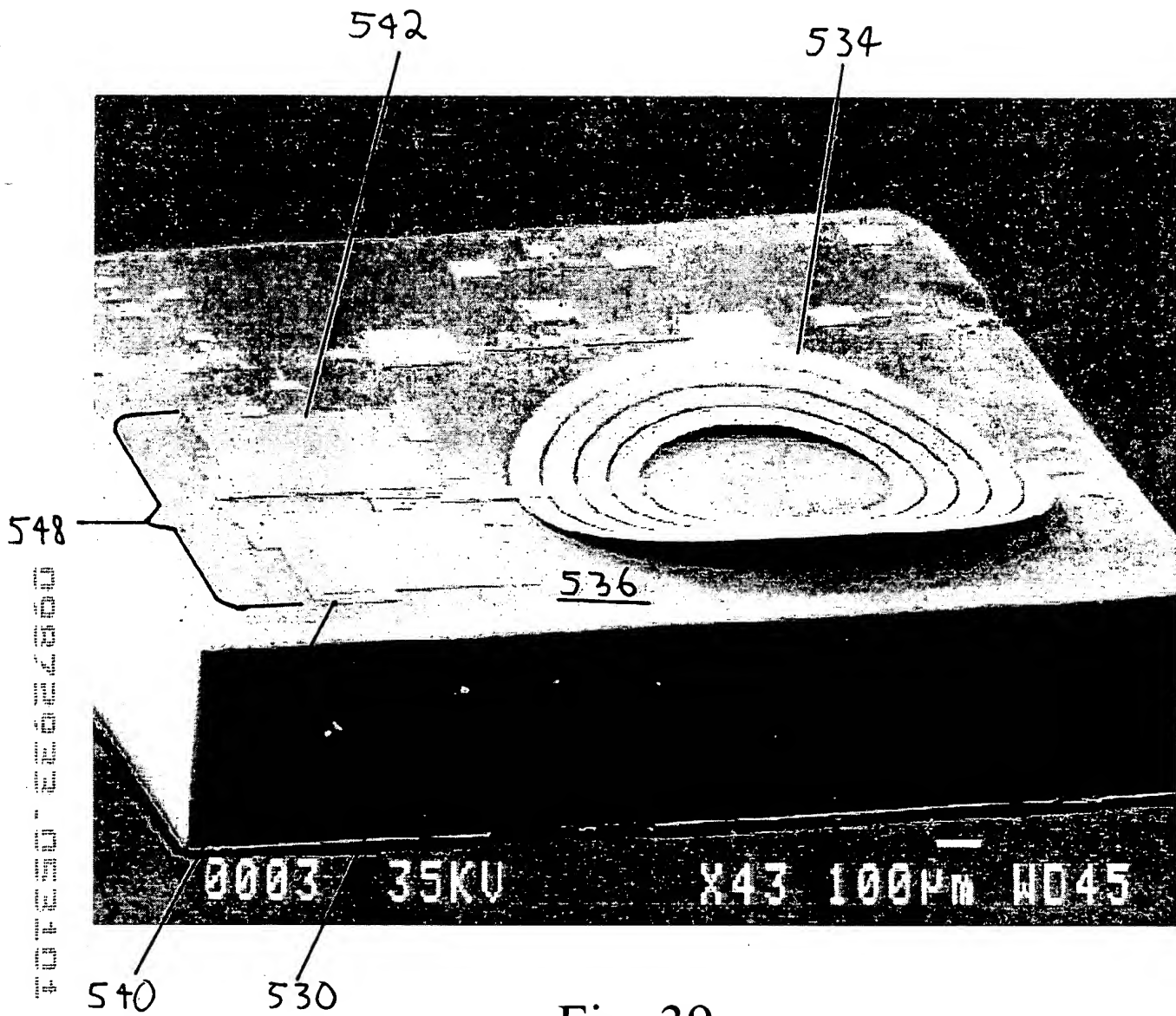


Fig. 39